

Title (en)
METHOD AND APPARATUS FOR THE OPTIMUM HEAT TRANFER OF CARRIERS OF REVERSIBLE AND HETEROGENEOUS EVAPORATION PROCESSES

Publication
EP 0054298 A3 19830119 (DE)

Application
EP 81110444 A 19811215

Priority
DE 3047632 A 19801217

Abstract (en)
[origin: US4421156A] A process for the optimized heat transfer from carriers of reversible, heterogeneous evaporation processes for the purpose of generating heat and cold by means of the principle of the heat pipe is described, which comprises arranging the carrier of the reversible, heterogeneous evaporation process in the interior of a heat pipe. Moreover, this application describes the apparatus for carrying out the process in which a heat pipe is provided with a heat source at the bottom and with a heat sink at the top and exhibits a carrier of a reversible, heterogeneous evaporation process and a feed line and discharge line for the gas of the reversible, heterogeneous evaporation process.

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F28D 15/00; **F25B 23/00**; **F24J 3/04**

IPC 8 full level
F25B 17/12 (2006.01); **F25B 23/00** (2006.01); **F28D 15/00** (2006.01); **F28D 15/02** (2006.01); **F28D 15/06** (2006.01)

CPC (source: EP US)
F25B 17/12 (2013.01 - EP US); **F28D 15/06** (2013.01 - EP US)

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Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
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